

Rabbit anti-Human ACTL6B Polyclonal Antibody | anti-ACTL6B antibody

ACTL6B Polyclonal Antibody

CATALOG # AAA309044	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

ACTL6B; Polyclonal Antibody; ACTL6B Polyclonal Antibody; 53 kDa BRG1-associated factor B; Actin-related protein Baf53b; ArpNalpha; BRG1-associated factor 53B; BAF53B; ACTL6; anti-ACTL6B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total ACTL6B polyclonal antibody.
Purity/Purification	Antigen Affinity Purified
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH7.3.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	426
Applicable Applications for anti-ACTL6B antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human Actin-like protein 6B protein(1-280aa)
Immunogen Type	Protein
Preparation and Storage	Store at -20 degree C

IMAGES



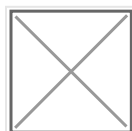
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human brain using at dilution of 1:100.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human skin using at dilution of 1:100.



WB (Western Blot)

All lanes: Actin-like protein 6B antibody at 3ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti- ACTL6B antibody	Belongs to the chromatin remodeling brain-specific BAF (bBAF) complex, as such plays a role in remodeling mononucleosomes in an ATP-dependent fashion. Belongs to the neuron-specific chromatin remodeling complex (nBAF complex) and is required for postmitotic neural development and dendritic outgrowth. During neural development a switch from a stem/progenitor to a post-mitotic chromatin remodeling mechanism occurs as neurons exit the cell cycle and become committed to their adult state. The transition from proliferating neural stem/progenitor cells to post-mitotic neurons requires a switch in subunit composition of the npBAF and nBAF complexes. As neural progenitors exit mitosis and differentiate into neurons, npBAF complexes which contain ACTL6A/BAF53A and PHF10/BAF45A, are exchanged for homologous alternative ACTL6B/BAF53B and DPF1/BAF45B or DPF3/BAF45C subunits in neuron-specific complexes (nBAF). The npBAF complex is essential for the self-renewal/proliferative capacity of the multipotent neural stem cells. The nBAF complex along with CREST plays a role regulating the activity of genes essential for dendrite growth. ACTL6B/BAF53B is not essential for assembly of the nBAF complex but is required for targeting the complex and CREST to the promoter of genes essential for dendritic growth.
Product Categories/Family for anti- ACTL6B antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705294
NCBI GeneID	51412
NCBI Accession #	NP_057272.1
NCBI GenBank Nucleotide #	NM_016188.4
UniProt Accession #	O94805; O75421; A4D2D0
Molecular Weight	46,877 Da
NCBI Official Full Name	actin-like protein 6B
NCBI Official Synonym Full Names	actin like 6B
NCBI Official Symbol	ACTL6B
NCBI Official Synonym Symbols	ACTL6; BAF53B; arpNalpha
NCBI Protein Information	actin-like protein 6B
UniProt Protein Name	Actin-like protein 6B
UniProt Gene Name	ACTL6B
UniProt Synonym Gene Names	ACTL6; BAF53B; BAF53B
UniProt Entry Name	ACL6B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/actl6b-antibody-immunohistochemistry-western-blot-elisa/309044>